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ABSTRACT

Fall 1979 student registration data for the seven Hawaii community colleges were examined to determine faculty teaching load as measured by average semester hours taught, average hours in contact with students, and average class size. The study revealed that Fall 1979 enrollment was slightly higher than the previous Fall's; that there were numerically and proportionately more part-time students than in previous years; and that students were generally carrying lighter credit loads. The data showed that while slightly more courses were offered, fewer classes were scheduled. Instructor semester hours increased by 105 semester hours and instructor contact hours increased by 126 contact hours. On the other hand, student registrations and student semester and contact hours were the lowest in five years. With regard to class size, the study revealed that the number and proportion of classes with less than 11 students had decreased and that the average class size (24 students) was the lowest in five years. Teaching loads remained at about the same level as in 1978: the average semester hours per full-time equivalent (FTE) instructor was 13.3, the average contact hours was 16.1, and the productivity ratio was 308. The faculty-student ratio of one to 20 was the lowest in five years. The report provides tables illustrating faculty load data by college and course. (JP)

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COURSE REGISTRATION
AND FACULTY TEACHING REPORT
UNIVERSITY OF HAWAII, COMMUNITY COLLEGES
FALL 1979

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JC 800149

OFFICE OF INSTITUTIONAL RESEARCH & ANALYSIS
UNIVERSITY OF HAWAII

DECEMBER 1979

COURSE REGISTRATION
AND FACULTY TEACHING REPORT
COMMUNITY COLLEGES
FALL 1979

Introduction

The total workload of the faculty involves a variety of professional activities over and above teaching in the classroom: engaging in departmental research, advising students, attending faculty committee meetings, and responding to community requests. This report, however, provides data only on one aspect of the faculty's workload: teaching load: i.e., the actual classroom situation as measured in terms of average semester hours taught, average hours in contact with students, average class size, etc.

Sources of Data

SIS Computer Reports 3010 and 3011 (Course Registration Reports), which provide detailed and summary data on faculty-student "workload" based on student semester hours, were used as the primary documents for this report. (Data for these reports were abstracted from students' class registration data.) Computer Reports 3030 (Schedule of Classes) and the Faculty-Staff Information System (FSIS) reports were used as reference points. The deans of instruction were also consulted for certain information regarding their schedules of classes and lecturers and instructors on overload.

Population Included

The information for this report is based on registration data for the following groups of students registered in the regular credit programs in seven community colleges: classified and unclassified students, early admittees, concurrent registrants, and other special students whose registration records are processed through the SIS. All computer reports are as of mid-October. The data have been reviewed by the deans of instruction.

Adjustments

Equivalent credits were established for classes with variable credits. The methodology differed, however, depending upon the kind of classes under consideration, e.g., directed studies, cooperative education, etc. (See Appendix A, Definitions.)

Highlights

I. Several factors affected the teaching load of community college faculty this fall.

   A. Fall 1979 enrollment is slightly higher than last year's. (Enrollment has generally stabilized since Fall 1975.) Furthermore, there are numerically and proportionately more part-time students this fall (10,199 students, 49%) compared to Fall 1978 (9,764 students, 47%) and Fall 1975 (8,454 students, 41%). Additionally, all students are generally carrying lighter credit loads compared to previous years. This is reflected in lower student registrations (in classes) and total SSHs.

   B. The FTE count of faculty is higher than in previous years. This is probably because more released time is being granted to enable instructors to engage in various curriculum related activities. (In most instances, the expenses related to released tim are funded externally through grants such as the AIDP and the Humanities grants.)

II. Courses, Classes, Semester and Contact Hours (Table 1).

   A. The data show that while slightly more courses are offered, fewer classes are scheduled. Instructor semester and contact hours are slightly higher. This fall there are 11 more courses (1,747 compred to 1,736) and 51 fewer classes (3,070 compared to 3,121). Instructor semester hours increased by 105 semester hours (from 8,973 to 9,078); instructor contact by 126 contact hours (from 10,919 to 11,045).

   B. However, student registrations and student semester and contact hours are the lowest in five years. (See paragraph IA above.) Student registrations number 74,191 (2,466 less than the figure reported last fall). Student semester and contact hours number 211,256 and 250,736 respectively, this fall. Corresponding figures last fall were higher by 2% for each category.

III. Classes with Ten or Fewer Students (Table 2).

   A. The number and proportion of classes with ten or fewer students decreased for the system and at several colleges.

   B. Many of these "low enrollment" classes are held for a variety of reasons: graduation requirements, facility limitations, accreditation requirements (especially in the health services courses). Further, a few courses are taught by non-instructional staff (deans, counselors, and media coordinators) who receive no additional compensation.

IV. Average Class Size, by Program (Table 3).

A. Average class sizes are the lowest in five years: 24 for the system; 19-28, by campus. (Last fall: 25 for the total).

B. As in past years, average class size in general education courses (25 students) is larger than that in vocational education courses (22 students).

V. Average Semester and Contact Hours Taught (Table 4).

A. Teaching loads, in terms of semester and contact hours, productivity ratios, remained at about the same level as last fall:

(1) Average semester hours, per FTE instructor, 13.3; average contact hours, 16.1; productivity ratio, 308.

(2) As expected, campuses varied: from 12.6-13.9 semester hours per FTE instructor; from 13.9-18.3 weekly contact hours and from 242-339 productivity ratios.

B. The faculty-student ratio of 1:20 is the lowest in five years. The ratios ranged from 1:16-1:23, by campus.

VI. Headcount of Instructors and Lecturers; FTE Count, Other Faculty Engaged in Teaching (Table 5).

A. Both head and FTE counts of instructors are higher this fall compared to last fall:

(1) Headcount, 956, an increase of 31, 3%.

(2) FTE count, 685.0, an increase of 8.3, 1%.

B. The FTE count of instructors increased at four campuses and decreased at the remaining three.

Summary

The teaching load this fall is about the same as last fall, generally, for the community college totals. However, an examination of campus data shows fluctuations. Affecting the teaching load are such factors as: (1) proportionately more part-time students; (2) students generally carrying lighter credit loads; and (3) more resources being directed toward curriculum planning activities made possible largely through external funding.

Table 1: Courses, Classes, Semester & Contact Hours
Community Colleges
Fall 1975 - 1979

College and Year	Courses	Classes	Semester Hours	Student Registrations	Student Sem Hours	Contact Hours Instructor	Contact Hours Student
TOTAL							
1975	1,653	2,805	8,473	78,948	229,573	NA	
1976	1,777	2,958	8,740	79,334	228,683	11,010	273,592
1977	1,707	2,988	8,688	77,320	221,013	10,784	262,755
1978	1,736	3,121	8,973	76,657	215,173	10,919	255,071
1979	1,747	3,070	9,078	74,191	211,256	11,045	250,736
HAWAII							
1975	238	283	1,002	6,820	21,353	NA	
1976	262	302	1,023	6,960	22,055	1,333	27,234
1977	225	293	1,002	7,013	21,760	1,436	28,310
1978	209	304	1,027	6,711	20,630	1,423	26,929
1979	212	283	997	6,724	20,753	1,407	28,509
HONOLULU							
1975	349	554	1,774	14,795	47,185	NA	
1976	345	579	1,880	16,047	50,318	2,494	70,200
1977	314	574	1,849	15,051	48,163	2,406	62,505
1978	326	605	1,918	14,860	46,784	2,496	60,986
1979	355	647	2,072	15,065	46,983	2,605	60,144
KAPIOLANI							
1975	300	573	1,600	17,916	48,285	NA	
1976	317	584	1,619	18,461	49,678	2,292	58,451
1977	318	607	1,633	17,467	46,862	2,081	56,138
1978	303	643	1,723	18,027	47,041	2,064	55,058
1979	274	600	1,739	16,827	46,948	2,134	54,836
KAUAI							
1975	178	191	547	4,451	11,940	NA	
1976	199	225	599	4,355	11,360	773	13,712
1977	183	225	577	4,814	11,959	767	14,842
1978	194	244	588	4,628	10,894	754	12,892
1979	185	238	572	4,603	10,424	711	12,489
LEEWARD							
1975	298	776	2,294	24,239	71,054	NA	
1976	321	817	2,326	23,226	66,339	2,599	70,865
1977	322	802	2,289	21,686	62,043	2,522	66,610
1978	316	789	2,249	20,675	58,639	2,461	63,091
1979	309	757	2,168	19,182	54,507	2,403	58,382
MAUI							
1975	201	264	765	6,787	17,813	NA	
1976	226	275	795	6,368	17,426	997	21,125
1977	235	315	838	6,914	17,625	1,046	21,649
1978	251	320	872	6,977	17,676	1,072	21,660
1979	272	327	930	6,710	17,435	1,143	21,509
WINDWARD							
1975	89	164	491	3,940	11,943	NA	
1976	107	176	498	3,917	11,507	522	12,005
1977	110	172	500*	4,375	12,601	526	12,701
1978	137	216	596	4,779	13,509	649	14,455
1979	140	218	600*	5,080	14,206	642	14,867

*Includes 18 semester hours scheduled during the eight-week session. Data for the other columns (classes, registrations, SSHs, contact hours) do not reflect input from these additional offerings for Fall 1977; 6 semester hours, for Fall 1979.

TABLE 2
CLASSES WITH TEN OR FEWER STUDENTS
COMMUNITY COLLEGES
FALL 1975 - 1979

College & Year	No. of Classes	Classes with Ten or Fewer Students	
		No.	H%
TOTAL			
1975	2,805	121	4.3
1976	2,958	172	5.8
1977	2,988	152	5.1
1978	3,121	187	6.0
1979	3,070	165	5.4
HAWAII			
1975	283	15	5.3
1976	302	22	7.3
1977	293	22	7.5
1978	304	15	4.9
1979	283	17	6.0
HONOLULU			
1975	554	13	2.3
1976	579	12	2.1
1977	574	17	3.0
1978	605	11	1.8
1979	647	19	2.9
KAPIOLANI			
1975	573	31	5.4
1976	584	31	5.3
1977	607	28	4.6
1978	643	34	5.3
1979	600	30	5.0
KAUAI			
1975	191	11	5.8
1976	225	32	14.2
1977	225	22	9.8
1978	244	34	13.9
1979	238	32	13.4
LEEWARD			
1975	776	23	3.0
1976	817	45	5.5
1977	802	43	5.4
1978	789	46	5.8
1979	757	26	3.4
MAUI			
1975	264	20	7.6
1976	275	19	6.9
1977	315	19	6.0
1978	320	34	10.6
1979	327	32	9.8
WINDWARD			
1975	164	8	4.9
1976	176	11	6.3
1977	172	1	0.6
1978	216	13	6.0
1979	218	9	4.1

TABLE 3
AVERAGE CLASS SIZE, BY PROGRAM*
COMMUNITY COLLEGES
FALL 1975 - 1979

College and Year	T O T A L	General & Pre-Prof Courses	Vocational-Tech Courses
	Average Class Size	Average Class Size	Average Class Size
TOTAL			
1975	28	30	26
1976	27	28	25
1977	26	27	24
1978	25	26	23
1979	24	25	22
HAWAII			
1975	24	27	23
1976	23	25	21
1977	24	27	21
1978	22	24	20
1979	24	27	20
HONOLULU			
1975	27	27	26
1976	28	29	26
1977	26	28	23
1978	25	27	21
1979	23	25	20
KAPIOLANI			
1975	31	31	30
1976	32	31	32
1977	29	30	28
1978	28	29	24
1979	28	29	27
KAUAI			
1975	23	24	22
1976	19	21	17
1977	21	22	20
1978	19	19	18
1979	19	19	20
LEEWARD			
1975	31	33	26
1976	28	30	25
1977	27	28	24
1978	26	27	21
1979	25	26	24
MAUI			
1975	26	28	22
1976	23	26	20
1977	22	24	20
1978	22	23	20
1979	21	22	19
WINDWARD			
1975	24	24	18
1976	22	23	15
1977	25	26	22
1978	22	23	19
1979	23	24	21

*The computation of average class size excludes certain classes such as Directed Studies, Cooperative Education, etc.

TABLE 4
AVERAGE SEMESTER AND CONTACT HOURS TAUGHT,
PRODUCTIVITY AND FACULTY-STUDENT RATIOS
FALL 1975-1979

College & Year	FTE Faculty	Semester Hours Taught		Productivity Ratio*		Contact Hours		Ratio: FTE Faculty :FTE Students**	
		TOTAL	Average	TOTAL SSH	Average	TOTAL	Ave.	Students	Ratio
TOTAL									
1975	647.5	8,473	13.1	229,573	355	NA		15,071	1:23
1976	658.4	8,740	13.3	228,683	347	11,010	16.7	15,056	1:23
1977	641.5	8,688	13.5	221,013	345	10,776	16.8	14,583	1:23
1978	676.7	8,973	13.3	215,173	318	10,919	16.1	14,236	1:21
1979	685.0	9,078	13.3	211,256	308	11,045	16.1	14,002	1:20
HAWAII									
1975	72.9	1,002	13.7	21,353	293	NA		1,336	1:18
1976	74.4	1,023	13.8	22,055	296	1,333	17.9	1,387	1:19
1977	73.6	1,002	13.6	21,760	296	1,436	19.5	1,386	1:19
1978	74.0	1,027	13.9	20,630	279	1,423	19.2	1,324	1:18
1979	77.0	997	13.0	20,753	270	1,407	18.3	1,342	1:17
HONOLULU									
1975	134.3	1,774	13.2	47,185	351	NA		3,130	1:23
1976	140.1	1,880	13.4	50,318	359	2,494	17.8	3,340	1:24
1977	132.6	1,849	13.9	48,163	363	2,406	18.1	3,203	1:24
1978	141.2	1,918	13.6	46,784	331	2,496	17.7	3,116	1:22
1979	149.3	2,072	13.9	46,983	315	2,605	17.5	3,129	1:21
KAPIOLANI									
1975	123.8	1,600	12.9	48,285	390	NA		3,203	1:26
1976	123.5	1,619	13.1	49,678	402	2,292	18.6	3,300	1:27
1977	122.9	1,633	13.3	46,862	381	2,081	16.9	3,114	1:25
1978	133.0	1,723	13.0	47,041	354	2,064	15.5	3,127	1:24
1979	138.3#	1,739	12.6	46,948	339	2,134	15.4	3,126	1:23
KAUAI									
1975	41.2	547	13.3	11,940	290	NA		768	1:19
1976	44.9	599	13.3	11,360	253	773	17.2	726	1:16
1977	43.2	577	13.4	11,959	277	767	17.8	771	1:18
1978	45.3	588	13.0	10,894	240	754	16.6	711	1:16
1979	43.1	572	13.3	10,424	242	711	16.5	687	1:16
LEEWARD									
1975	171.3	2,294	13.4	71,054	415	NA		4,703	1:27
1976	172.8	2,326	13.5	66,339	384	2,599	15.0	4,395	1:25
1977	168.9	2,289	13.6	62,043	367	2,522	14.9	4,116	1:24
1978	171.1	2,249	13.1	58,639	343	2,461	14.4	3,894	1:23
1979	163.2	2,168	13.3	54,507	334	2,403	14.7	3,621	1:22
MAUI									
1975	65.1	765	11.8	17,813	274	NA		1,145	1:18
1976	63.3	795	12.6	17,426	275	997	15.8	1,154	1:18
1977	62.4	838	13.4	17,625	282	1,046	16.8	1,170	1:19
1978	65.5	872	13.3	17,676	270	1,072	16.4	1,176	1:18
1979	67.9	930	13.7	17,435	257	1,143	16.8	1,159	1:17
WINDWARD									
1975	38.9	491	12.6	11,943	307	NA		786	1:20
1976	39.4	498	12.6	11,507	292	522	13.2	753	1:19
1977	37.9	500##	13.2	12,601	332	526	13.5	823	1:22
1978	46.6	596	12.8	13,509	290	649	13.9	888	1:19
1979	46.2	600##	13.0	14,206	307	642	13.9	937	1:20

*See Appendix A for definition. Computed by dividing total SSH by FTE instructor.
**FTE count of students based on regular students, only.

#FTE count includes instructional staff with substantial released time made possible by grants such as the AIDP; Cooperative Education, Title 8; Consumer Economics, Title 10, and the Vocational Education Grant for the Elimination of Sex Bias.

##Includes 18 semester hours taught during the second eight week session. (These classes were not scheduled at the October cut-off period for input into the computer. The SSHs and contact hours generated by these additional classes are not reflected in the figures shown above.) Includes 6 semester hours for Fall 1979.

TABLE 5

HEADCOUNT* OF INSTRUCTORS AND LECTURERS; FTE COUNT, FACULTY ENGAGED IN TEACHING
COMMUNITY COLLEGES
FALL 1975-1979

YEAR	TOTAL		HAWAII		HONOLULU		KAPIOLANI		KAUAI		LEEWARD		MAUI		WINDWARD	
	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count
FALL 1975	647.5	1,015	72.9	105	134.3	205	123.8	211	41.2	59	171.3	282	65.1	90	38.9	63
1976	658.4	1,048	74.4	111	140.1	219	123.5	210	44.9	67	172.8	284	63.3	95	39.4	62
1977	641.5	912	73.6	95	132.6	191	122.9	188	43.2	60	168.9	235	62.4	92	37.9	51
1978	676.7	925	74.0	97	141.2	193	133.0	205	45.3	60	171.1	224	65.5	82	46.6	64
1979	685.0	956	77.0	100	149.3	215	138.3	199	43.1	60	163.2	222	67.9	91	46.2	69

*Duplicated headcount: lecturers teaching at more than one campus are included in the count of each campus they teach. The count of instructors include full- and part-time instructors and division/department chairmen. The FTE count of part-time instructors is reflected as contracted (0.5 for those employed as 50% FTE); the FTE count of division/department chairmen, as 0.7.

TABLE 1a
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HAWAII COMMUNITY COLLEGE
FALL 1979

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours**	
		No.	Ave Size				Instructor	Student
TOTAL	212	283	24	997	6,724	20,753	1,407	28,509
GENERAL & PRE-PROF EDUC COURSES	89	142	27	391	3,841	9,721	407	10,055
Humanities	43	73	23	208	1,683	4,377	223	4,739
Art	8	8	25	26	202	606	40	990
East Asian Language: Japanese	1	1	30	3	30	90	3	90
English	12	34	19	104	642	1,922	102	1,908
English as a Second Language	4	4	14	12	54	162	12	162
Hawaiiana	7	7	37	9	260	334	9	334
History	4	5	38	9	189	345	9	345
Humanities	3			2	5	15	6	10
Speech	4	14	21	43	301	903	42	900
Natural Sciences	27	32	32	89	1,036	2,374	90	2,370
Biology	1	3	28	9	85	255	9	255
Mathematics	18	20	36	52	711	1,399	52	1,399
Oceanography	1	3	29	9	86	258	9	258
Physics	3	3	24	9	71	213	9	210
Science	4	3	27	10	83	249	11	248
Social Sciences	15	27	34	82	917	2,751	85	2,748
Economics	2	2	27	6	53	159	6	159
Human Development	3	3	30	9	90	270	9	270
Political Science	1	1	27	3	27	81	3	81
Psychology	3	11	34	33	371	1,113	33	1,113
Social Science	4	3	37	10	115	345	13	342
Sociology	2	7	37	21	261	783	21	783
Other Gen Acad Disc (IS)	4	10	21	12	205	219	9	198
VOCATIONAL EDUCATION	123	141	20	606	2,883	11,032	1,000	18,454
Business Education	39	60	25	224	1,476	4,768	229	4,949
Accounting	8	10	24	35	244	771	40	801
Business	2	6	24	18	141	423	18	423
Data Processing	3	5	16	14	82	238	17	278
Data Processing	(2)	(4)	(17)	(10)	(66)	(174)	(12)	(198)
Info. & Computer Science	(1)	(1)	(16)	(4)	(16)	(64)	(5)	(80)
Sales Management	10	9	33	42	296	888	33	888
Hotel Operations	(1)	(1)	(30)	(3)	(30)	(90)	(3)	(90)
Management	(2)	(3)	(26)	(9)	(78)	(234)	(9)	(234)
Merchandising	(7)	(5)	(28)	(30)	(188)	(564)	(21)	(564)
Secretarial & Related	16	30	24	115	713	2,448	121	2,559
Business Machines	(3)	(9)	(25)	(32)	(221)	(822)	(32)	(822)
Office Procedures	(3)	(3)	(18)	(18)	(75)	(280)	(16)	(260)
Shorthand	(6)	(5)	(19)	(26)	(116)	(443)	(34)	(574)
Typewriting	(4)	(13)	(23)	(39)	(301)	(903)	(39)	(903)

Continued

HAWAII COMMUNITY COLLEGE CONTINUED

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
Food Services	5	3	41	14	123	509	62	2,424
Health Services: Nursing	4	7	14	58	77	587	117	1,275
Public Services	14	10	22	31	219	657	39	642
Fire Science	*1*	*1*	*21*	*4*	*25*	*75*	*9*	*71*
Human Services: Law	*2*	*2*	*25*	*6*	*50*	*150*	*6*	*150*
Police Science	*8*	*7*	*21*	*21*	*144*	*432*	*24*	*421*
Technology	59	59	16	270	953	4,357	531	8,796
Agriculture	*13*	*13*	*14*	*44*	*188*	*582*	*70*	*1,055*
Apparel Design & Const.	*1*	*1*	*19*	*3*	*19*	*57*	*3*	*57*
Auto Body Repair & Painting	*2*	*2*	*22*	*22*	*43*	*473*	*44*	*989*
Automotive Mechanics Tech.	*9*	*8*	*21*	*26*	*165*	*526*	*51*	*1,076*
Blueprint Reading	*3*	*4*	*15*	*11*	*59*	*167*	*11*	*167*
Carpentry	*3*	*2*	*15*	*20*	*29*	*290*	*48*	*696*
Diesel Mechanics Technology	*2*	*2*	*19*	*22*	*37*	*407*	*50*	*925*
Drafting Technology	*6*	*6*	*13*	*22*	*80*	*293*	*50*	*664*
Electricity	*2*	*2*	*16*	*22*	*32*	*352*	*44*	*704*
Electronics Technology	*8*	*8*	*15*	*23*	*123*	*342*	*41*	*622*
Fashion Design Merchandising	*3*	*3*	*20*	*11*	*60*	*219*	*17*	*335*
Machine Shop	*4*	*4*	*14*	*22*	*56*	*308*	*50*	*700*
Welding	*4*	*4*	*16*	*22*	*62*	*341*	*52*	*806*
Other Vocational	2	2	18	9	35	154	22	368

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 299 (directed studies). **Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 10, 1979; Office of the Dean of Instruction.

TABLE 2a
CLASSES WITH TEN OR FEWER STUDENTS
HAWAII COMMUNITY COLLEGE
FALL 1979

Subject Area	No. of Classes
TOTAL	17
GENERAL & PRE-PROF COURSES	2
English (022)	1
Interdisciplinary Studies	1
VOCATIONAL EDUCATION COURSES	15
Health: Nursing (026B, 255)	3
Technology	12
Agriculture (059V, 062)	4
Blueprint (030)	1
Drafting (036, 038, 040)	3
Electronics (038, 038L)	2
Welding (041, 043)	2

Sources: SER Computer Report 3011B, October 12, 1979.
Office of the Dean of Instruction.

TABLE 1b
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HONOLULU COMMUNITY COLLEGE
FALL 1979

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	355	647	23	2,072	15,065	46,983	2,605	60,144
GENERAL & PRE-PROF EDUC COURSES	146	382	25	1,109	9,649	27,632	1,181	29,286
Humanities	68	181	24	536	4,289	12,438	565	13,036
Art	11	21	21	63	441	1,323	102	2,067
Communication	4	4	27	14	112	336	12	321
Drama	1	1	29	3	29	87	3	87
East Asian Languages	5	7	19	24	135	469	27	533
Japanese	(4)	(6)	(21)	(21)	(125)	(439)	(24)	(503)
Japanese Literature	(1)	(1)	(10)	(3)	(10)	(30)	(3)	(30)
English	14	70	23	210	1,640	4,920	210	4,920
English	(13)	(69)	(24)	(207)	(1,628)	(4,884)	(207)	(4,884)
Linguistics	(1)	(1)	(12)	(3)	(12)	(36)	(3)	(36)
English Language Institute	3	6	25	18	147	441	18	441
Hawaiiana	1	1	28	3	28	84	3	84
History	7	20	27	60	532	1,596	60	1,596
Humanities	4	7	23	27	182	553	21	486
Indo-Pacific Language: Hawaiian	1	2	21	8	41	164	10	205
Journalism	3	3	13	9	39	117	9	117
Music	2	4	22	6	89	155	9	211
Philosophy	3	8	28	24	227	681	24	681
Religion	4	8	28	24	221	663	24	663
Speech	5	19	22	43	426	849	33	624
Natural Sciences	39	118	27	329	3,176	8,788	370	9,776
Biological Science	9	14	24	36	336	860	48	1,134
Biology	(1)	(1)	(10)	(3)	(10)	(30)	(3)	(30)
Botany	(5)	(8)	(24)	(18)	(194)	(442)	(24)	(582)
Microbiology	(2)	(3)	(30)	(7)	(90)	(220)	(9)	(270)
Zoology	(1)	(2)	(21)	(8)	(42)	(168)	(12)	(252)
Chemistry	8	11	25	27	276	675	39	963
Mathematics	11	65	28	196	1,836	5,464	197	5,556
Oceanography	2	5	32	15	158	474	17	506
Physical Science	8	22	24	51	535	1,193	63	1,419
Astronomy	(1)	(1)	(35)	(3)	(35)	(105)	(3)	(105)
Physics	(7)	(21)	(24)	(48)	(500)	(1,088)	(60)	(1,314)
Science	1	1	35	4	35	122	6	198
Social Sciences	36	77	26	227	2,013	5,923	229	5,991
American Studies	1	2	31	6	61	183	6	183
Anthropology	2	5	26	15	132	396	15	396
Economics	4	9	27	27	241	723	27	723
Geography	4	8	23	20	185	475	24	555
Human Development	7	12	26	34	306	882	34	882
Political Science	3	6	22	18	131	393	18	393
Psychology	5	16	28	48	447	1,341	48	1,341
Social Science	6	7	25	23	182	546	21	534
Sociology	4	12	27	36	328	984	36	984
Other	3	6	29	17	171	483	17	483
Health, Physical Educ & Rec.	1	1	30	2	30	60	2	60
Interdisciplinary Studies	1	1	25	3	25	75	3	75
Learning Skills	1	4	29	12	116	348	12	348

Continued

HONOLULU COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
OCATIONAL EDUCATION	209	265	20	963	5,416	19,351	1,424	30,858
Business Education	16	19	23	57	440	1,273	78	1,737
Business	3	3	24	10	75	219	13	310
Information & Computer Science	3	2	31	7	64	195	6	183
Management	1	1	29	3	29	87	3	87
Secretarial & Related	9	13	21	37	272	772	56	1,157
Office Procedures	(3)	(6)	(20)	(16)	(120)	(316)	(21)	(397)
Shorthand	(2)	(2)	(21)	(6)	(42)	(126)	(10)	(210)
Typewriting	(4)	(5)	(22)	(15)	(110)	(330)	(25)	(550)
Food Services: Baking	3	2	24	18	47	396	40	892
Health Services	3	8	15	11	123	196	14	235
Food & Nutritional Science	2	2	23	5	45	118	5	118
Health	1	6	13	6	78	78	9	117
Public Services	46	77	18	237	1,352	3,918	191	3,455
Fire Science	6	12	20	36	237	711	36	711
Human Services	22	45	14	135	612	1,659	87	1,170
Corrections	(2)	(2)	(15)	(6)	(30)	(90)	(3)	(54)
Education	(8)	(23)	(10)	(82)	(239)	(777)	(39)	(432)
Human Services	(4)	(10)	(17)	(18)	(173)	(296)	(15)	(279)
Interpreting	(4)	(4)	(8)	(11)	(33)	(93)	(15)	(117)
Law	(2)	(4)	(18)	(12)	(70)	(210)	(12)	(210)
Social Services	(3)	(2)	(34)	(6)	(67)	(193)	(3)	(78)
Industrial Education	4	4	15	12	61	183	20	305
Ind Ed Draft Design	(1)	(1)	(5)	(3)	(5)	(15)	(5)	(25)
Ind Ed Sheet Metal	(1)	(1)	(14)	(3)	(14)	(42)	(5)	(70)
Ind Ed Welding	(1)	(1)	(26)	(3)	(26)	(78)	(5)	(130)
Ind Ed Wood Construction	(1)	(1)	(16)	(3)	(16)	(48)	(5)	(85)
Occupation Safety & Health	8	8	28	27	229	733	24	660
Police Science	6	8	25	27	213	642	24	609
Technology	140	158	22	637	3,439	13,523	1,098	24,494
Aeronautics	12	12	19	54	225	1,035	89	1,645
Aeronautics	(2)	(2)	(21)	(7)	(41)	(140)	(9)	(174)
Aviation	(10)	(10)	(18)	(47)	(184)	(895)	(80)	(1,471)
Apparel Design & Construction	5	5	21	16	112	315	24	517
Auto Body Repair & Painting	4	2	30	33	101	813	46	1,380
Automotive Mechanics Tech.	15	19	21	83	424	1,630	138	2,812
Blueprint Reading	6	7	25	20	172	505	28	725
Carpentry	2	2	21	20	41	410	48	984
Commercial Art	13	13	16	52	231	834	71	1,188
Commercial Art	(12)	(12)	(16)	(48)	(216)	(774)	(65)	(1,098)
Graphic Art	(1)	(1)	(15)	(4)	(15)	(60)	(6)	(90)
Cosmetology	6	6	31	36	183	2,186	85	3,190
Diesel Mechanics Technology	4	3	20	24	65	377	45	905
Drafting Technology	7	10	22	35	232	788	69	1,559
Electricity	5	4	20	15	79	277	30	573
Electronics Technology	16	22	20	72	471	1,349	111	2,050
Engineering Technology	5	5	14	17	71	243	31	455
Fashion Design & Merch.	4	5	24	15	122	366	21	502
Home Economics	2	2	25	6	49	147	6	147
Machine Shop	10	11	20	40	218	870	69	1,526
Pipefitter	1	1	22	4	22	88	8	176
Refrigeration & Air Cond.	5	5	35	24	173	830	45	1,555
Sheet Metal & Plastics Tech.	7	7	14	24	101	357	42	621
Welding	11	17	20	47	347	1,021	92	1,984
Other: Vocational	1	1	15	3	15	45	3	45

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies. ** Contact hours (student and instructor) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 10, 1979; Office of the Dean of Instruction.

TABLE 2b
CLASSES WITH TEN OR FEWER STUDENTS
HONOLULU COMMUNITY COLLEGE
FALL 1979

Subject Area	No. of Classes
TOTAL	19
GENERAL & PRE-PROF ED COURSES	4
Japanese Literature (261)	1
Journalism (285V)	1
Biology (022)	1
Math (055)	1
VOCATIONAL EDUCATION COURSES	15
#Business: Shorthand (030)	1
Public Service	5
*Interpretation (020, 022, 024)	3
Law (227)	2
Other Technologies	9
#Commercial Art (038, 045)	2
#Engineering Tech (051, 054)	2
#Sheet Metal Plastic (041, 042, 043, 047)	4
#Welding (050B)	1

*Federally funded; required for program
#Program requirements

Sources: SER Computer Report 3011B, October 12, 1979;
Office of the Dean of Instruction.

TABLE 1c
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
KAPIOLANI COMMUNITY COLLEGE
FALL 1979

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Instructor	Student	Student	Contact Hours**	
		No.	Ave Size	Sem. Hours	Regis.	Sem. Hours	Instructor	Student
TOTAL	274	600	28	1,739	16,827	46,948	2,134	54,836
GENERAL & PRE-PROF EDUC COURSES	134	297	29	853	8,733	24,983	910	26,218
Humanities	67	167	27	453	4,552	12,610	506	13,632
Art	10	16	23	39	360	896	60	1,216
Communication	1	8	25	24	202	606	24	606
Dance	1	2	30	6	60	180	9	270
Drama	2	3	29	9	87	261	9	261
East Asian Language: Japanese	4	7	24	24	168	576	31	742
English	18	65	25	162	1,633	4,070	169	4,272
English Language Institute	2	2	26	6	51	153	6	153
European Language	2	2	22	8	43	172	10	215
French	(1)	(1)	(22)	(4)	(22)	(88)	(5)	(110)
Spanish	(1)	(1)	(21)	(4)	(21)	(84)	(5)	(105)
History	6	25	37	76	918	2,752	75	2,751
Humanities	3	3	32	9	95	285	9	285
Indo-Pacific Language: Hawaiian	1	1	28	4	28	112	5	140
Journalism	3	3	22	8	65	191	9	195
Music	8	10	20	18	197	421	30	591
Philosophy	2	5	36	15	180	540	15	540
Religion	2	7	37	21	256	768	21	768
Speech	2	8	26	24	209	627	24	627
Natural Sciences	34	72	32	204	2,282	6,743	226	7,153
Biological Science	11	19	29	50	555	1,544	60	1,744
Biology	(4)	(10)	(27)	(27)	(287)	(752)	(33)	(880)
Botany	(3)	(3)	(31)	(7)	(94)	(238)	(9)	(282)
Microbiology	(1)	(3)	(37)	(9)	(111)	(333)	(9)	(333)
Zoology	(3)	(3)	(28)	(7)	(83)	(221)	(9)	(249)
Chemistry	3	5	28	11	138	340	15	414
Mathematics	9	30	35	97	1,058	3,402	97	3,402
Mathematics	(7)	(28)	(36)	(91)	(1,004)	(3,240)	(91)	(3,240)
Business Analysis & Statistics	(2)	(2)	(27)	(6)	(54)	(162)	(6)	(162)
Oceanography	1	2	39	6	77	231	6	231
Physical Science	2	3	28	9	84	252	9	252
Physics	(2)	(3)	(28)	(9)	(84)	(252)	(9)	(252)
Science	8	13	28	31	370	974	39	1,110
Social Sciences	29	53	34	188	1,807	5,475	167	5,227
American Studies	3	3	31	9	93	279	9	279
Anthropology	3	7	34	21	237	711	21	711
Economics	4	7	34	21	240	720	21	720
Geography	5	7	30	19	213	639	21	639
Human Development	1	1	23	3	23	69	3	69
Political Science	2	4	27	12	109	327	12	327
Psychology	3	9	39	27	349	1,047	27	1,047
Social Science	5	7	24	52	262	860	29	592
Sociology	2	6	37	18	219	657	18	657
Women Studies	1	2	31	6	62	186	6	186
Other Gen Ed	4	5	18	8	92	155	11	206
Health & Physical Education	2	3	17	3	51	51	6	102
Interdisciplinary Studies	2	2	21	5	41	104	5	104

Continued

Kapiolani Community College (Continued)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION	140	303	27	886	8,094	21,965	1,224	28,618
Business Education	77	192	30	516	5,832	14,846	545	15,678
Accounting	12	34	31	110	1,094	3,305	108	3,294
Business	4	22	36	66	800	2,400	66	2,400
Data Processing	15	28	25	66	713	1,772	72	1,562
Data Processing	(5)	(14)	(20)	(18)	(288)	(308)	(30)	(287)
Info. & Computer Science	(10)	(14)	(30)	(48)	(425)	(1,464)	(42)	(1,275)
Sales Management	13	22	44	98	973	3,019	75	2,815
Hotel Operations	(5)	(11)	(37)	(43)	(439)	(1,350)	(38)	(1,286)
Management	(1)	(2)	(50)	(6)	(100)	(300)	(6)	(300)
Merchandising	(7)	(9)	(40)	(49)	(434)	(1,369)	(31)	(1,229)
Secretarial & Related	33	86	26	176	2,252	4,350	224	5,607
Business Machines	(3)	(30)	(29)	(30)	(882)	(882)	(30)	(882)
Office Procedures	(8)	(12)	(28)	(47)	(393)	(1,064)	(47)	(1,282)
Shorthand	(9)	(9)	(24)	(34)	(218)	(858)	(47)	(1,183)
Typewriting	(13)	(35)	(22)	(65)	(759)	(1,546)	(100)	(2,260)
Food Services	14	28	31	126	879	3,102	244	6,820
Baking	1	4	19	16	76	304	56	1,064
Food Service	13	24	34	110	803	2,798	188	5,756
Health Services	37	69	15	199	1,041	2,991	394	5,168
Dental Assistant	4	4	15	12	60	180	21	316
Food & Nutritional Science	1	3	37	3	111	111	3	111
Health	5	18	16	23	291	389	25	421
Medical Assistant	2	3	14	12	41	164	24	328
Medical Laboratory Technician	4	4	11	11	44	121	19	209
Nursing	5	10	19	73	194	1,256	135	2,191
Occupational Therapy Assistant	4	8	12	12	92	161	28	276
Radiologic Technology	9	13	11	39	148	449	101	1,037
Respiratory Therapy	3	6	10	14	60	160	38	280
Public Services:	12	14	24	45	342	1,026	41	952
Human Services	12	14	24	45	342	1,026	41	952
Ed	(1)	(1)	(28)	(3)	(28)	(84)	(1)	(28)
Law	(11)	(13)	(23)	(42)	(314)	(942)	(40)	(924)

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).

**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 10, 1979; Office of the Dean of Instruction.

TABLE 2c
CLASSES WITH TEN OR FEWER STUDENTS
KAPIOLANI COMMUNITY COLLEGE
FALL 1979

Subject Area	No. of Classes
TOTAL	30
GENERAL & PRE-PROF ED COURSES	3
Humanities	2
Journalism (297V)	1
Music (204)	1
Social Sciences: Geography (101L)	1
VOCATIONAL EDUCATION COURSES	27
Business	6
Office Procedure (022)	1
Shorthand (020C, 030)	2
Typing (020D, 050, 052)	3
Health*	21
Health (021C, 031)	4
Nursing (026B, 026C)	4
Occupational Therapy Assistant (101L)	4
Radiologic Technology (200L, 240, 270)	5
Respiratory Therapy (101)	4

*Many of these courses are offered to meet program requirements. In some instances, clinical stations are limited.

Sources: SER Computer Report 3011B, October 12, 1979;
Office of the Dean of Instruction.

TABLE 1d
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
KAUAI COMMUNITY COLLEGE
FALL 1979

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours**	
		No.	Ave Size				Instructor	Student
TOTAL	185	238	19	572	4,603	10,424	711	12,489
GENERAL & PRE-PROF EDUC COURSES	111	134	19	315	2,500	5,952	353	6,670
Humanities	55	70	18	177	1,239	3,172	202	3,626
Art	10	10	17	30	174	522	47	826
Communication	2	3	13	11	38	139	12	153
Drama	2	1	16	3	16	48	3	48
East Asian Language: Japanese	1	1	21	3	21	63	3	63
English	19	29	16	51	473	833	50	825
English	(18)	(28)	(17)	(48)	(463)	(803)	(47)	(795)
Linguistics	(1)	(1)	(10)	(3)	(10)	(30)	(3)	(30)
English Language Institute	2	3	19	9	56	168	15	280
Hawaiian Studies	1	2	20	6	40	120	6	120
History	7	9	23	27	209	627	27	627
Indo-Pacific Language	3	2	19	7	38	130	9	168
Hawaiian	(2)	(1)	(23)	(4)	(23)	(85)	(6)	(117)
Ilokano	(1)	(1)	(15)	(3)	(15)	(45)	(3)	(45)
Music	2	1	35	3	35	105	3	105
Philosophy	1	1	15	3	15	45	3	45
Religion	3	3	9	9	27	81	9	81
Speech	2	5	19	15	97	291	15	291
Natural Sciences	30	39	18	73	717	1,329	88	1,614
Biological Sciences	7	4	18	15	73	281	21	406
Biology	(3)	(2)	(17)	(7)	(34)	(125)	(9)	(171)
Botany	(2)	(1)	(23)	(4)	(23)	(92)	(6)	(138)
Zoology	(2)	(1)	(16)	(4)	(16)	(64)	(6)	(96)
Chemistry	6	4	21	8	84	168	12	252
Mathematics	11	25	18	36	458	628	37	838
Oceanography	1	1	28	3	28	84	3	84
Physics	5	5	15	11	74	168	15	235
Social Science	21	19	24	57	451	1,344	57	1,344
American Studies	1	2	19	6	37	111	6	111
Anthropology	2	1	27	3	27	81	3	81
Economics	1	1	26	3	26	78	3	78
Geography	2	2	24	6	48	144	6	144
Political Science	2	1	31	3	31	90	3	90
Psychology	6	6	23	18	149	444	18	444
Social Science	3	3	19	9	56	165	9	165
Sociology	4	3	26	9	77	231	9	231
Other	5	6	14	8	93	107	6	86
Cooperative Arts/Science Educ.	2			2	7	21		
Learning Skills	3	6	14	6	86	86	6	86

Continued

KAUAI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION	74	104	20	257	2,103	4,472	358	5,819
Business Education	37	59	24	99	1,390	2,254	114	2,575
Accounting	8	12	19	25	232	479	29	551
Business	7	13	28	22	378	526	16	453
Data Processing	2	3	28	9	85	255	9	255
Data Processing	(1)	(2)	(29)	(6)	(57)	(171)	(6)	(171)
Information & Computer Sci.	(1)	(1)	(28)	(3)	(28)	(84)	(3)	(84)
Sales & Management (Mgt)	2	3	27	9	81	243	9	243
Secretarial & Related	18	28	22	34	614	751	51	1,073
Business Machines	(2)	(7)	(20)	(10)	(139)	(179)	(10)	(207)
Office Procedures	(3)	(3)	(15)	(2)	(45)	(73)	(4)	(34)
Shorthand	(2)	(2)	(17)	(4)	(33)	(66)	(6)	(99)
Typewriting	(11)	(16)	(25)	(18)	(397)	(433)	(31)	(733)
Health Services: Nursing	1	2	7	20	14	140	36	252
Public Service	4	4	28	12	112	336	12	336
Fire Science	2	2	22	6	44	132	6	132
Police Science	2	2	34	6	68	204	6	204
Technology	32	39	15	126	587	1,742	196	2,656
Auto Body Repair & Painting	3	4	13	18	53	256	29	419
Automotive Mechanics	14	14	18	34	252	600	51	916
Blueprint Reading	2	2	18	6	36	108	6	108
Carpentry	5	9	11	30	102	336	49	551
Drafting Technology	2	1	6	8	7	45	15	90
Electricity	1	1	31	3	31	93	3	93
Electronics	1	1	7	3	7	21	3	21
Machine Shop	1	3	13	6	40	80	9	130
Welding	3	4	15	18	59	203	31	339

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 11, 1979; Office of the Dean of Instruction.

TABLE 2d
CLASSES WITH TEN OR FEWER STUDENTS
KAUAI COMMUNITY COLLEGE
FALL 1979

Subject Area	No. of Classes
TOTAL	26*
GENERAL & PRE-PROF ED COURSES	11
Humanities	6
English (022B, 055, 254)	3
Linguistics (102)	1
Religion (150, 021/155)	2
Natural Sciences: Math (001B, 025B, 025C, 205)	4
Social Sciences: Psychology (212)	1
VOCATIONAL EDUCATION COURSES	15
Business	5
Accounting (026B, 026C)	2
Office Procedure (022B, 022C)	2
Typing (020D)	1
Health: Nursing (255)	2
Other Technologies	8
Blueprint Reading (040)	1
Carpentry (041B, 041C)	4
Drafting (034)	1
Electronics (018)	1
Welding (041)	1

*Includes courses required for program.

Sources: SER Computer Report 3011B, October 12, 1979;
Office of the Dean of Instruction.

Table 1e
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
LEEWARD COMMUNITY COLLEGE
FALL 1979

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
TOTAL	309	757	25	2,168	19,182#	54,507#	2,403	58,382
GENERAL & PRE-PROF EDUC COURSES	202	531	26	1,548	13,745	40,124	1,702	41,399
Humanities	90	267	25	785	6,556	19,571	951	20,680
Art	18	19	25	57	472	1,416	90	1,942
Communication	4	8	30	24	241	723	26	755
Dance	2	4	23	12	93	279	12	279
Drama	3	7	18	21	128	384	21	384
East Asian Language: Japanese	4	10	24	40	237	948	40	948
English	13	103	22	309	2,310	6,930	309	6,930
English Language Institute	5	5	17	15	85	255	15	255
European Languages	8	13	17	46	198	766	46	766
European Languages	(1)	(1)	(12)	(3)	(12)	(36)	(3)	(36)
French	(3)	(4)	(11)	(16)	(44)	(176)	(16)	(176)
German	(1)	(1)	(27)	(4)	(27)	(108)	(4)	(108)
Spanish	(3)	(6)	(19)	(23)	(115)	(446)	(23)	(446)
Hawaiian Studies	1	3	27	9	83	246	9	246
History	4	30	31	90	940	2,820	90	2,817
Humanities	1	1	12	3	13	36	3	36
Indo-Pacific Languages:	3	5	19	20	95	380	20	380
Hawaiian	(2)	(4)	(20)	(16)	(81)	(324)	(16)	(324)
Tagalog	(1)	(1)	(14)	(4)	(14)	(56)	(4)	(56)
Journalism	1	1	24	3	24	72	3	72
Music	22	29	17	46	507	920	77	1,489
Philosophy	3	10	40	30	402	1,206	30	1,206
Religion	3	10	39	30	393	1,179	30	1,179
Speech	1	10	34	30	337	1,011	30	996
Natural Sciences	43	118	29	336	3,443	9,828	364	9,823
Biological Sciences	9	12	29	39	343	1,102	49	1,187
Biology	(3)	(3)	(37)	(9)	(110)	(303)	(14)	(279)
Botany	(2)	(2)	(28)	(8)	(56)	(224)	(9)	(270)
Microbiology	(2)	(4)	(25)	(10)	(101)	(271)	(14)	(335)
Zoology	(2)	(3)	(25)	(12)	(76)	(304)	(12)	(303)
Chemistry	5	7	26	29	181	739	37	714
Mathematics	15	77	29	203	2,225	5,882	203	5,830
Mathematics	(13)	(73)	(29)	(191)	(2,114)	(5,549)	(191)	(5,497)
Quantitative Methods	(2)	(4)	(28)	(12)	(111)	(333)	(12)	(333)
Oceanography	2	8	45	25	359	1,082	29	1,102
Physical Science	10	11	31	29	234	657	33	696
Astronomy	(1)	(2)	(45)	(6)	(90)	(270)	(6)	(270)
Geology & Geophysics	(2)	(2)	(15)	(4)	(30)	(84)	(4)	(84)
Physics	(7)	(7)	(16)	(19)	(114)	(323)	(33)	(362)
Science	2	3	34	11	101	366	13	294
Social Science	45	119	27	369	3,224	9,591	360	9,573
American Studies	2	3	28	9	83	249	9	249
Anthropology	2	9	31	27	277	831	27	831
Economics	5	21	29	63	613	1,839	63	1,839
Geography	9	7	31	21	220	580	21	580
Human Development	4	7	15	21	108	324	21	324
Political Science	2	9	29	27	263	789	27	789
Psychology	5	28	29	84	832	2,496	84	2,493
Social Science	13	23	20	81	470	1,409	72	1,394
Sociology	2	11	31	33	341	1,023	33	1,023
Women's Studies	1	1	17	3	17	51	3	51

Continued

LEEWARD COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
Other	24	27	19	58	522	1,134	67	1,323
Health & Physical Education	22	23	19	46	440	888	55	1,077
Interdisciplinary Studies	1	1	30	3	30	90	3	90
Learning Skills	1	3	17	9	52	156	9	156
VOCATIONAL EDUCATION	107	226	24	620	5,435	14,381	761	16,983
Business Education	40	130	27	330	3,603	8,903	338	9,092
Accounting	7	25	27	75	686	2,058	75	2,058
Business	7	19	30	67	611	1,846	64	1,846
Data Processing & Comp. Sci. (Inf. & Computer Sci.)	6	17	28	51	472	1,416	55	1,527
Sales & Management	8	13	28	41	360	1,085	43	1,085
Management	(2)	(7)	(31)	(21)	(216)	(648)	(21)	(648)
Merchandising	(6)	(6)	(23)	(20)	(144)	(437)	(22)	(437)
Secretarial & Related	12	56	26	96	1,474	2,498	101	2,576
Business Machines	(1)	(7)	(30)	(21)	(208)	(624)	(21)	(624)
Office Procedures	(3)	(7)	(20)	(9)	(139)	(179)	(11)	(209)
Shorthand	(2)	(7)	(21)	(21)	(146)	(438)	(24)	(486)
Typewriting	(6)	(35)	(28)	(45)	(981)	(1,257)	(45)	(1,257)
Food Service	12	22	18	66	394	1,164	117	2,084
Baking	1	2	20	8	40	160	11	228
Food Service	11	20	18	58	354	1,004	106	1,856
Public Service	6	10	22	29	218	642	29	642
Human Services	4	8	25	24	196	588	24	588
Education	(2)	(2)	(15)	(6)	(30)	(90)	(6)	(90)
Law	(2)	(6)	(28)	(18)	(166)	(498)	(18)	(498)
Library	2	2	11	5	22	54	5	54
Technology	49	64	19	195	1,220	3,672	277	5,165
Agriculture	1	1	15	2	15	30	4	60
Automotive Mechanics	16	26	23	83	599	1,908	128	2,922
Blueprint	1	1	19	3	19	57	3	63
Drafting	11	14	16	41	229	675	51	841
Graphic Arts	10	10	15	29	149	401	41	562
Marine Technology	10	12	17	37	209	601	50	717

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).

**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Includes 2 SSHs and 2 registrations for a course in "Other Vocational Education" which was cancelled.

Sources: SER Computer Reports 3010, 3011, October 11, 1979; Office of the Dean of Instruction.

TABLE 2e
CLASSES WITH TEN OR FEWER STUDENTS
LEEWARD COMMUNITY COLLEGE
FALL 1979

Subject Area	No. of Classes
TOTAL	26
GENERAL & PRE-PROF COURSES	20
Humanities	11
Art (107)	2
English (250, 252)	2
French (102, 201)	2
Hawaiian (201)	1
Music (115, 215, 217, 281)	4
Natural Sciences	4
Biology (291C)	1
Oceanography (211)	1
Physics (170)	2
Social Sciences	4
Human Development (231)	1
Social Science (101)	3
Other General Education	1
Learning Skills (110)	1
VOCATIONAL EDUCATION COURSES	6
Public Service Technologies	2
Education (024)	1
Library Technology (022)	1
Other Technologies	4
Drafting (044)	1
Graphic Arts (031, 034, 044)	3

Sources: SER Computer Report 3011B, October 12, 1979.
Office of the Dean of Instruction.

TABLE 1f
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
MAUI COMMUNITY COLLEGE
FALL 1979

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours**	
		No.	Ave Size				Instructor	Student
TOTAL	272	327	21	930	6,710	17,435	1,143	21,509
GENERAL & PRE-PROF EDUC COURSES	129	164	22	451	3,609	9,416	495	10,888
Humanities	58	76	21	232	1,585	4,600	247	5,068
Art	10	10	16	26	180	434	39	730
Communication	3	4	18	13	73	225	12	216
Dance	2	1	33	4	35	105	3	112
Drama	1	1	20	3	20	60	4	80
East Asian Language: Japanese	1	3	16	12	47	188	15	235
English	13	26	19	81	500	1,496	78	1,491
European Language	8	5	17	13	83	179	13	207
European Language	(1)	(1)	(11)	(3)	(11)	(33)	(3)	(33)
French	(5)	(2)	(18)	(5)	(36)	(74)	(5)	(86)
Spanish	(2)	(2)	(18)	(4)	(36)	(72)	(5)	(88)
Hawaiian Studies	3	5	23	16	115	345	15	342
History	5	6	32	19	194	582	19	605
Humanities	1	1	20	3	20	60	3	60
Indo-Pacific Language: Hawaiian	2	3	14	12	42	168	15	210
Journalism	1	1	13	3	13	39	3	39
Music	3	3	20	5	60	110	7	138
Philosophy	1	3	29	9	88	264	9	264
Religion	2	2	37	7	75	225	6	222
Speech	2	2	30	7	40	120	6	117
Natural Sciences	37	41	25	99	1,032	2,181	120	3,070
Biological Sciences	8	9	20	22	182	464	31	631
Biology	(3)	(4)	(30)	(10)	(119)	(320)	(15)	(433)
Botany	(2)	(2)	(9)	(4)	(18)	(36)	(5)	(45)
Microbiology	(2)	(2)	(18)	(4)	(36)	(72)	(8)	(108)
Zoology	(1)	(1)	(9)	(4)	(9)	(36)	(5)	(45)
Chemistry	1	1	21	4	21	84	6	126
Mathematics	21	23	28	49	648	1,094	56	1,737
Oceanography	3	4	30	13	120	360	12	357
Physical Science	4	4	15	11	61	179	15	219
Astronomy	(1)	(1)	(33)	(3)	(33)	(99)	(3)	(99)
Physics	(3)	(3)	(9)	(8)	(28)	(80)	(12)	(120)
Social Sciences	23	34	24	105	808	2,398	101	2,357
American Studies	1	1	13	3	13	39	3	39
Anthropology	4	5	27	16	134	402	15	399
Economics	2	4	33	12	130	390	12	390
Geography	3	3	14	7	42	100	8	113
Human Development	3	3	18	9	53	159	9	156
Political Science	2	3	21	9	63	189	9	189
Psychology	4	7	34	23	246	738	21	714
Social Science	2	5	11	17	63	189	15	165
Sociology	2	3	21	9	64	192	9	192
Other	11	13	14	15	184	237	27	393
Health & Physical Educ	10	12	13	12	156	156	24	312
Learning Skills	1	1	28	3	28	81	3	81

Continued

MAUI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION	143	163	19	479	3,101	8,019	648	10,621
Business Education	52	78	23	163	1,782	3,592	168	3,867
Accounting	7	13	29	32	381	903	37	1,069
Business	5	7	24	26	183	546	21	498
Computer Science	2	2	30	7	60	180	6	177
Sales & Management	11	11	22	38	262	784	33	738
Hotel Operations	(6)	(5)	(24)	(18)	(127)	(379)	(15)	(354)
Management	(1)	(2)	(16)	(6)	(32)	(96)	(6)	(96)
Merchandising	(4)	(4)	(24)	(14)	(103)	(309)	(12)	(288)
Secretarial & Related	27	45	20	60	896	1,179	71	1,385
Business Machines	(4)	(12)	(14)	(12)	(164)	(164)	(16)	(213)
Office Procedures	(3)	(3)	(27)	(6)	(80)	(151)	(6)	(138)
Shorthand	(5)	(3)	(21)	(15)	(62)	(274)	(15)	(278)
Typewriting	(15)	(27)	(22)	(27)	(590)	(590)	(34)	(756)
Food Service	9	13	15	46	196	638	84	1,144
Baking	1	1	17	4	17	68	8	136
Food Servuce	8	12	15	42	179	570	76	1,008
Health Services	9	8	13	52	100	566	96	921
Health	1	1	16	1	16	16	1	16
Nursing	8	7	10	51	84	550	95	905
Public Services	14	12	17	34	200	531	33	530
Human Services	6	6	19	16	111	292	16	295
Human Services	(2)	(2)	(15)	(4)	(29)	(47)	(4)	(49)
Law	(2)	(2)	(22)	(6)	(44)	(132)	(6)	(132)
Social Services	(2)	(2)	(19)	(6)	(38)	(113)	(6)	(114)
Occupational Safety & Health	1	1	14	1	14	14	2	24
Police Science	7	5	15	17	75	225	15	219
Technology	59	52	16	184	823	2,692	267	4,151
Agriculture	9	7	18	25	127	408	32	509
Apparel Design & Construction	9	6	17	19	104	272	23	371
Apparel Design & Constr.	(6)	(4)	(18)	(12)	(74)	(182)	(15)	(262)
Fashion Design & Merch.	(3)	(2)	(15)	(7)	(30)	(90)	(8)	(109)
Auto Body Repair & Painting	5	4	13	22	53	283	35	477
Automotive Mechanics	12	10	14	30	138	377	44	610
Blueprint Reading	1	2	17	6	33	99	6	99
Carpentry	3	4	18	26	72	440	47	787
Drafting	4	3	20	12	60	202	16	337
Electricity	2	4	16	10	64	162	12	201
Energy	2	1	8	3	9	19	2	16
Maintenance	5	4	9	9	38	77	12	111
Marine Technology	2	1	24	4	25	75	4	96
Welding	5	6	16	18	100	278	34	537

* Includes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 10, 1979; Office of the Dean of Instruction.

TABLE 2f
CLASSES WITH TEN OR FEWER STUDENTS
MAUI COMMUNITY COLLEGE
FALL 1979

Subject Area	No. of Classes*
TOTAL	32
GENERAL & PRE-PROF COURSES	14
Humanities	4
Art (101)	1
English (106)	1
Hawaiian (201)	1
Philosophy (100)	1
Natural Sciences	7
Botany (101, 101L)	2
Zoology (101)	1
Math (61, 112)	2
Physics (151, 151L)	2
Other General Educ.: Health, P.E. & Recreation (130, 166, 195)	3
VOCATIONAL EDUCATION COURSES	18
Business	2
Hotel Operations (044)	1
Management (022)	1
Food Services (050, 052, 054, 060)	4
Health (Nursing 028, 056, 255)	3
Other Technologies	9
Agriculture (056)	1
Automotive Mechanic Tech (040B, 040E, 080)	3
Electricity (023)	1
Energy (020B)	1
Maintenance (020, 040, 060)	3

*These small classes are held primarily to meet program requirements. Further, some of the classes are held in Molokai.

Sources: SER Computer Report 3011B, October 12, 1979; Office of the Dean of Instruction.

TABLE 1g
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
WINDWARD COMMUNITY COLLEGE
FALL 1979

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours**	
		No.	Ave Size				Instructor	Student
TOTAL	140	218	23	600	5,080	14,206	642	14,867
GENERAL & PRE-PROF EDUC COURSES	101	168	24	489	4,009	11,806	508	11,960
Humanities	42	79	25	235	1,938	5,720	237	5,716
Art	6	9	23	27	203	609	27	609
Communication	1	6	26	21	154	462	19	421
Drama	2	2	19	6	37	111	6	111
East Asian Language: Japanese	2	3	26	9	78	234	10	270
English: English	10	25	25	79	618	1,880	77	1,834
French	1	1	24	4	24	96	5	115
Hawaiian Studies	4	5	19	11	95	217	11	217
History	4	10	33	30	328	984	28	926
Indo-Pacific Language: Hawaiian	1	2	21	8	42	168	10	201
Journalism	1	1	12	3	12	36	3	36
Music	6	6	18	10	110	212	14	265
Philosophy	2	5	29	15	144	432	15	432
Religion	2	4	23	12	93	279	12	279
Natural Sciences	24	38	24	118	897	2,839	130	3,026
Biology	1	3	29	9	87	261	9	261
Botany	2	2	31	7	61	214	12	381
Chemistry	4	5	21	9	113	227	13	296
Geology & Geography	3	3	23	8	45	134	8	133
Mathematics	7	15	25	54	367	1,334	49	1,229
Oceanography	2	5	25	13	126	318	17	432
Science	2	2	15	8	36	144	11	198
Zoology	3	3	18	10	62	207	11	227
Social Sciences	21	35	25	102	892	2,547	99	2,437
American Studies	1	1	8	3	8	24	3	24
Anthropology	3	7	21	21	147	441	20	406
Economics	2	3	22	9	67	201	9	201
Geography	2	3	27	9	82	246	9	235
Political Science	2	4	26	12	104	312	12	312
Psychology	3	6	30	16	182	498	16	498
Social Science	4	5	26	15	129	315	14	279
Sociology	3	5	33	15	164	492	14	465
Women's Studies	1	1	9	2	9	18	2	17
Other	14	16	18	34	282	700	42	781
Health & Physical Education	8	9	13	13	115	199	22	311
Interdisciplinary Studies	5	5	24	15	118	354	15	345
Learning Skills	1	2	25	6	49	147	5	135

Continued

WIDEWARD COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Instructor Sem. Hours	Student Regis.	Student Sem. Hours	Contact Hours** Instructor	Contact Hours** Student
VOCATIONAL EDUCATION	39	50	21	111	1,071	2,400	134	2,907
Business	20	31	24	65	741	1,527	69	1,620
Accounting	*5*	*11*	*28*	*19*	*306*	*530*	*23*	*621*
Business	*2*	*2*	*21*	*6*	*41*	*123*	*6*	*123*
Finance	*1*	*1*	*20*	*3*	*20*	*60*	*3*	*60*
Real Estate	*1*	*1*	*28*	*3*	*28*	*84*	*3*	*84*
Secretarial & Related	*11*	*16*	*82*	*34*	*346*	*730*	*34*	*732*
Business Machines	*(2)*	*(4)*	*(27)*	*(4)*	*(106)*	*(106)*	*(4)*	*(105)*
Office Procedures	*(4)*	*(3)*	*(16)*	*(7)*	*(49)*	*(106)*	*(6)*	*(104)*
Shorthand	*(3)*	*(2)*	*(16)*	*(4)*	*(31)*	*(62)*	*(5)*	*(67)*
Typewriting	*(3)*	*(7)*	*(23)*	*(19)*	*(160)*	*(456)*	*(19)*	*(456)*
Public Svcs: Human Svcs: SJUST	6	6	17	16	100	280	16	280
Technology	13	13	18	30	230	593	49	1,007
Agriculture	*5*	*5*	*11*	*6*	*54*	*65*	*6*	*68*
Automotive Mechanics	*8*	*8*	*22*	*24*	*176*	*528*	*43*	*939*

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 24, 1979; Office of the Dean of Instruction.

TABLE 2g
CLASSES WITH TEN OR FEWER STUDENTS
WINDWARD COMMUNITY COLLEGE
FALL 1979

Subject Area		No. of Classes
TOTAL		9
GENERAL & PRE-PROF COURSES		6
Natural Sciences: Mathematics (205)	1	
Mathematics (205)		1
Social Sciences: American Studies (201)	1*	
American Studies (201)		1*
Other: Health, Physical Education, Recreation (101, 103, 104, 108)		4
VOCATIONAL EDUCATION COURSES		3
Business: Shorthand (020C)		1
Public Services: Social Justice		1
Other Technologies: Agriculture (197)		1

*Instructor is teaching this course without compensation.

Sources: SER Computer Report 3011B, October 12, 1979.
Office of the Dean of Instruction.

APPENDIX A
DEFINITIONS

1. COURSE: A unit of instruction consisting of recitations, lectures, laboratory sessions, etc., in a particular subject.

   Example: English 100

2. CLASS: A lecture section of one or more students meeting regularly for instruction in a lecture or seminar course.

   Example: Lecture section 39 of English 100

3. SEMESTER HOURS: Semester or semester hour value assigned to each lecture section of each fixed credit course. (Also known as credit hours.)

   Example: Three semester hours for lecture section 39 of English 100

4. STUDENT REGISTRATIONS: Number of students registered in each class, excluding students auditing the class.

   Example: 25 student registrations in lecture section 39 of English 100

5. STUDENT SEMESTER HOURS: Sum of semester hours taken by all students registered in all classes, excluding auditors (SSH).

   Example: 75 student semester hours taken by 25 students in lecture section 39 of English 100 which is a three credit course

6. AVERAGE CLASS SIZE: Student registrations divided by number of classes. (Excludes classes and student registrations in classes such as directed studies, cooperative education.)

7. FTE FACULTY: A count of instructors which is the sum of the following: (a) headcount of all regular full-time instructors (C-scale appointees) assigned to instruction except those designated as division chairmen/coordinators; (b) a count of division chairmen/coordinators based on the equation, one division chairman = 0.7 FTE instructor; (c) a count of part-time instructors based on FTE indicated in SF5B, i.e., 0.50 = .5 FTE; (d) a converted count of lecturers, instructors on overload, non-instructional staff teaching a course, instructors teaching in level 5 subject area other than that designated in SF5B. (See Definition 8.

8. FULL-TIME EQUIVALENT OF: (1) "LECTURERS"; (2) INSTRUCTORS ON "OVERLOAD"; (3) "NON-INSTRUCTIONAL STAFF TEACHING CERTAIN COURSES"; (4) INSTRUCTORS TEACHING IN A LEVEL 5 SUBJECT AREA OTHER THAN THAT DESIGNATED IN SF5B:
   Number of semester hours taught by these four groups divided by 15 credits. (Based on credits instructor is compensated for in the case of "overloads" and lecturers.)

9. FTE STUDENTS: The conversion of full- and part-time students into full-time equivalent by dividing total SSH taken by 15 credits. Includes regular students, only.

10. EQUIVALENT CREDITS for classes with variable credits:

    (a) Regular subject, self-paced classes: average SH (derived by dividing SSH by number of students).

    (b) Classes with catalog numbers 099, 199, 299: Total SSH divided by 10 credit hours.

    (c) Cooperative vocational and cooperative arts and sciences courses: 50 students = 15 credit hours.

11. TEACHING LOAD MEASUREMENTS:

    (a) Average semester hours taught: the quotient obtained by dividing semester hours taught by FTE faculty,

    e.g. $\frac{8{,}473 \text{ credits taught}}{647.5 \text{ faculty}} = 13.1$

    (b) Productivity ratio: the quotient obtained by dividing student semester hours (SSH) by FTE faculty,

    e.g. $\frac{229{,}573}{647.5} = 355$

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